AMENDMENTS TO THE SPECIFICATION

Please replace the second full paragraph of page 3 with the following:

Accordingly, to achieve the above objectives, there is provided a pattern repetitiveness describing method of an image according to an aspect of the present invention including: (a) projecting an image on a predetermined axis having a predetermined direction; (b) decomposing the projected image down one level; (c) increasing a threshold value ~~until~~ while a pattern quantizing value is retained, and denoising the decomposed data; and (d) describing pattern repetitiveness of an image using the pattern quantizing value of the denoised data and the threshold value used for denoising.

Please replace the second full paragraph of page 4 with the following:

To achieve the above objectives, there is provided a pattern repetitiveness describing method of an image according to another aspect of the present invention including: (a) projecting an image on a predetermined axis having a predetermined direction; (b) decomposing the projected image ~~until~~ while the level in which a previous pattern quantizing value and a pattern quantizing value after the decomposition are retained as they are, and denoising; and (c) describing pattern repetitiveness of an image using either the pattern quantizing value of the data from which at least a level number and noise are removed, and the threshold value used for denoising.

Please replace the paragraph bridging pages 4 and 5 with the following:

To achieve another objective, there is provided a method for grouping images having similar texture characteristics within an image database in which a plurality of images are stored, according to one aspect of the present invention, the method including: (a) projecting an image

on a predetermined axis having a predetermined direction; (b) decomposing the projected data down one level; (c) increasing a threshold value ~~until~~ while a pattern quantizing value is retained, and denoising the decomposed data; (d) determining pattern repetitiveness vectors having a pattern quantizing value of the denoised data and a threshold value used for denoising as pattern repetitiveness descriptors of images; and (e) grouping images having similar texture characteristics using the pattern repetitiveness descriptor of the image.

Please replace the first full paragraph on page 5 with the following:

To achieve the above objectives, there is provided a method for grouping images according to another aspect of the present invention, wherein a method for grouping images having similar texture characteristics within an image database in which a plurality of images are stored includes: (a) projecting an image on a predetermined axis having a predetermined direction; (b) denoising by decomposing the image ~~until~~ while the level at which a previous pattern quantizing value and a pattern quantizing value after the decomposition are retained; (c) determining the level number of the denoised data, the pattern quantizing value, and the threshold value used for denoising as a pattern repetitiveness descriptor of the image; and (e) grouping images having similar texture characteristics using the pattern repetitiveness descriptor of the image.

Please replace the first full paragraph of page 11 with the following:

Therefore, if the previous pattern quantizing value is identical to the pattern quantizing value after the decomposition, step 206 is performed, so that the result data is decomposed down one level, and the pattern quantizing value of the decomposed data is calculated (step 208), to determine whether the previous pattern quantizing value is identical to the pattern quantizing

value after the decomposition (step 210). However, if the previous pattern quantizing value is not identical to the pattern quantizing value after the decomposition, a previous level is determined as a final level (step 212). Hereby, the decomposition is performed ~~until~~ while the level at which the previous pattern quantizing value and the pattern quantizing value after the decomposition are retained as they are.

Please replace the paragraph bridging pages 11 and 12 with the following:

If it is determined that the previous pattern quantizing value is not identical to the current pattern quantizing value, the previous pattern quantizing value is determined as the final pattern quantizing value (step 222). If it is determined that the previous pattern quantizing value is identical to the current pattern quantizing value, the threshold value is increased (step 220), and steps 214, 216, and 218 are repeatedly performed, so that the image is denoised ~~until~~ while the threshold at which the current pattern quantizing value and the previous pattern quantizing value are retained as they are. Now, the pattern repetitiveness of the image will be described on the basis of the level number, pattern quantizing value, and the threshold value (step 224).

Please replace the paragraph bridging pages 12 and 13 with the following:

According to the method of grouping images, as described in the method of describing pattern repetitiveness of an image according to the first preferred embodiment of the present invention, the threshold value is increased ~~until~~ while the pattern quantizing value is retained, and the decomposed data is denoised. The pattern repetitiveness vectors including the pattern quantizing value of the denoised data and the threshold value used for denoising are designated as pattern repetitiveness descriptors of the images. It is possible to group images having similar texture characteristics using the pattern repetitiveness descriptor of the image.

Please replace the first full paragraph on page 13 with the following:

Also, according to the method of grouping images, as described in the method of describing pattern repetitiveness of an image according to the second preferred embodiment of the present invention, the decomposition is performed ~~until~~ while the level at which the previous pattern quantizing value and the pattern quantizing value after the decomposition are retained as they are, so that the image is denoised, and the level number of the denoised data, the pattern quantizing value, and the threshold value used for denoising are determined as the pattern repetitiveness descriptor of the image. It is possible to group images having similar texture characteristics using the pattern repetitiveness descriptor of the image.